

DX	DATE	DESCRIPTION	BATES RANGE/ DESIGNATED	SPONSORING WITNESS	POWER INTEGRATIONS' OBJECTIONS
1	1993	Wang, Andrew C. and Seth R. Sanders. "Programmed Pulse-width Modulated Waveforms for Electromagnetic Interference Mitigation in DC-DC Converters." <u>IEEE Transactions on Power Electronics</u> 8.4 (1993): 596-605.	FCS0000516-FCS0000525 FCS0524402-FCS0524411 FCS0525273-FCS0525282 FCS1691857-FCS1691880	Horowitz	Combines multiple documents
10	7/1991	Habetler, Thomas G. and Deepakraj Divan. "Acoustic Noise Reduction in Sinusoidal PWM Drives Using a Randomly Modulated Carrier." <u>IEEE Transactions on Power Electronics</u> 6.3 (Jul. 1991): 356-63.	FCS0000508-FCS0000515 FCS0528052-FCS0528060 FCS0525283-FCS0525290 FCS1692016-FCS1692043	Horowitz	Combines multiple documents
17	3/22/1990	Goodenough, Frank. "Off-Line PWM Switching Regulator IC Handles 3W". <u>Electronic Design</u> 38.6 (Mar. 22, 1990): 35-39.	FCS0525776-FCS0525779 FCS0528084-FCS0528089 FCS1692104-FCS1692120	Horowitz	Combines different documents
33	1981	Horowitz, Paul and Ian Robinson, "Lab 17. Analog-Digital Conversion." <u>Laboratory Manual for The Art of Electronics</u> . Cambridge: Cambridge UP, 1981. 17-1 - 17-4.	FCS0527486-FCS0527490 FCS1686642-FCS1686646 FCS1692374-FCS1692392	Horowitz	Combines multiple documents; 802
35	4/1996	Datasheet: SGS-Thomson TEA2262 (May 1992, Apr. 1996)	FCS0001315-FCS0001323 FCS1686647-FCS1686655	Horowitz	
50	6/1992	Datasheet: SGS-Thomson TEA2260/TEA2261 (Jun. 1992)	FCS1687336-FCS1687344	Horowitz	402/403; production range incorrect
51	1994	Application Note: AN 376 SGS-Thomson TEA2260/TEA2261 (1994)	FCS1687345-FCS1687378	Horowitz	402/403; production range incorrect
52		Sze, S. <u>Physics of Semiconductor Devices</u> . Singapore: John Wiley & Sons (Asia).	FCS0000543-FCS0000558 FCS1692579-FCS1692618	Gwozdz/ Eklund/ Shields	Combines multiple documents
55	12/6/1983	Wakaumi, H. "A Highly Reliable 16 Output High Voltage NMOS/CMOS Logic IC with Shielded Source Structure." <u>International Electron Devices Meeting Technical Digest</u> (Dec. 6, 1983): 416-19.	FCS1689187-FCS1689192 FCS1692641-FCS1692664	Gwozdz/ Eklund/ Shields	Combines multiple documents
56	1982	Ludikhuijze, A. "High-Voltage DMOS and PMOS in Analog IC's." <u>International Electron Devices Meeting Technical Digest</u> (1982): 81-84.	FCS1689193-FCS1689196 FCS1692665-FCS1692686	Gwozdz/ Eklund/ Shields	Combines multiple documents
58	1986	Wacyk, Ihor, Michael Amato and Vladimir Rumennick. "A Power IC with CMOS Analog Control." <u>IEEE International Solid-State Circuits Conference Digest of Technical Papers</u> (1986): 16-17.	FCS1689202-FCS1689203 FCS1692687-FCS1692698	Gwozdz/ Eklund/ Shields	402; Combines multiple documents
59	1982	Sun, Shi- Chung. "Physics and Technology of Power MOSFETs." Stanford University Ph.D. Dissertation, Feb. 1982.	FCS1689204-FCS1689436 FCS1692699-FCS1692935	Gwozdz	402; Combines multiple documents
66	4/18/1989	Beasom - U.S. Patent No 4,823,173 File History, Serial No.06/831,384	FCS1688778-FCS1688899	Beasom/Gwozdz	
67	11/23/1993	Beasom - U.S. Patent No. 5,264,719 (Beasom Exhibit 4)	FCS0525257-FCS0525272	Beasom/Gwozdz	106
68	1989	Horowitz, Paul and Winfield Hill. <u>The Art of Electronics</u> . Cambridge: Cambridge UP, 1989. 621-26.	FCS0527450-FCS0527452 FCS1692936-FCS1692951 Full book available for inspection	Horowitz	
69	2/27/1992	Keller, Richard. "Off-line Power Integrated Circuit for International Rated 60 Watt Power Supplies." <u>Seventh Annual Applied Power Electronics Conference and Exposition Proceedings</u> (Feb. 27, 1992): 505-512.	FCS0527805-FCS0527814 FCS0524577-FCS0524584 FCS1692993-FCS1693018	Horowitz	Combines multiple documents
70	2/1992	Datasheet: PWR-SMP240 (Feb. 1992)	FCS1685819-FCS1685831	Horowitz/ Balakrishnan	
71	3/1992	Application Note: AN-1 Function and Application of the PWR-SMP240/260 (Mar. 1992)	PIF131267-PIF131282	Horowitz/ Balakrishnan	
72	3/1992	Design Aid: DA-5 Charging Batteries with the PWR-SMP260 (Mar. 1992)	PIF131293-PIF131299	Horowitz/ Balakrishnan	
73	3/1992	Datasheet: PWR-EVAL8: PWR-SMP240 Evaluation Board (Mar. 1992)	PIF131229-PIF131246	Horowitz/ Balakrishnan	
74	2/1992	Datasheet: PWR-SMP260 Preliminary (Feb. 1992)	FCS1685806-FCS1685818	Horowitz/ Balakrishnan	
76	1/1996	Datasheet: SMP211 (Jan. 1996)	FCS1685478-FCS1685496 FCS1686663-FCS1686681	Horowitz/ Balakrishnan	
77	7/1991	Datasheet: PWR-SMP3 (Jul. 1991)	FCS1687321-FCS1687330	Horowitz/ Balakrishnan	
78	7/1991	Application Note: AN-6 Designing Power Supplies with PWR-SMP3 (Jul. 1991)	PIF131247-PIF131266	Horowitz/ Balakrishnan	
79	3/1992	Datasheet: PWR-EVAL1: PWR-SMP3 Evaluation Board (Mar. 1992)	PIF131195-PIF131210	Horowitz/ Balakrishnan	
80	3/1992	Datasheet: PWR-EVAL7: PWR-SMP260 Evaluation Board (Mar. 1992)	PIF131211-PIF131228	Horowitz/ Balakrishnan	
83	1/20/1987	Martin, Jr. et al - U.S. Patent no. 4,638,417	FCS0525445-FCS0525448	Horowitz	
86	7/12/1991	Design Specification Revision: PWR-SMP260 Revision 2 (Jul. 12, 1991)	PIF129975-PIF130008	Horowitz/ Balakrishnan	Combines multiple documents
89	12/2/1986	U.S. Patent 4,626,879, Colak	FCS0000526-FCS0000532 FCS0526662-FCS0526668	Gwozdz/ Eklund/ Shields	
90	1990	Design Schematic: PS07 (1990 - 1991)	PIF129750-PIF129777	Horowitz/ Balakrishnan	
91	3/28/1990	Design Schematic: PS03 (Mar. 28, 1990)	PIF129301-PIF129321	Horowitz/ Balakrishnan	
99	6/19/2001	Balakrishnan et al - U.S. Patent 6,249,876	FCS0000001-FCS0000013	Horowitz/ Balakrishnan	
100	11/16/1998	Balakrishnan et al - U.S. Patent 6,248,876 File History, Serial No. 09/192,959	FCS0000015-FCS0000114	Horowitz	
101	3/7/1989	Eklund - U.S. Patent No. 4,811,075 (Beasom Exhibit 5)	FCS0000115-FCS0000120	Gwozdz/ Beasom	
102	4/24/1987	Eklund et al - U.S. Patent No. 4,811,075 File History, Serial No.07/041,994	FCS0000122-FCS0000206	Gwozdz Beasom	
103	5/8/2001	Balakrishnan et al - U.S. Patent 6,229,366	FCS0000207-FCS0000224	Horowitz/ Balakrishnan	
104	5/16/2000	Balakrishnan et al - U.S. Patent No. 6,229,366 File History, Serial No. 09/573,081	FCS0000226-FCS0000316	Horowitz/ Balakrishnan	
105	8/22/2000	Balakrishnan et al - U.S. Patent 6,107,851	FCS0000317-FCS0000334	Horowitz/ Balakrishnan	CONFIDENTIAL

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106	5/18/1998	Balakrishnan et al - U.S. Patent No. 6,107,851 File History, Serial No. 09/080,774	FCS0000336-FCS0000477	Horowitz/ Balakrishnan	
110		T. Lucy, <i>Spread Spectrum Clocks Reduced EMI</i> , with handwritten notes to Balu Balakrishnan	PIF17419	Horowitz/ Balakrishnan	402; 403; 901
112	8/19/1998	Invention Disclosure Form	PIF63306-PIF63313	Horowitz/ Balakrishnan	
113	4/1998	Invention Disclosure Form signed by Balu Balakrishnan, Alex Djenguerian, Lief Lund	PIF63314-PIF63324	Horowitz/ Balakrishnan	
114	3/28/1990	Design Schematic: PS03 (Mar. 28, 1990) with Project Index	PIF129325-PIF129346	Horowitz/ Balakrishnan	
115		Design Schematic: SMP1A -NPSC02A1	PIF129387	Horowitz/ Balakrishnan	
116	3/27/1990	Design Schematic: SMP1A (Mar. 27, 1990) with Project Index	PIF129389-PIF129410	Horowitz/ Balakrishnan	
117	11/30/1989	Design Schematic: SMP1A (Nov. 30, 1989)	PIF129412-PIF129414	Horowitz/ Balakrishnan	
118	5/8/1990	Proposed SMP Family Part Numbering System	PIF129449-PIF129451	Horowitz/ Balakrishnan	
119		Design Schematic: PS10, PS11, PS12 (sheets 1 -30)	PIF129454-PIF129484	Horowitz/ Balakrishnan	
120	8/14/1992	SMP12/220 Task List with Annotations (Aug. 14, 1992)	PIF129499-PIF129504	Horowitz/ Balakrishnan	Combines multiple documents
121	2/1992	Datasheet: PWR-SMP212 - Preliminary (Feb. 1992)	PIF129690-PIF129705	Horowitz/ Balakrishnan	
122	2/1992	Datasheet: PWR-SMP260 - Preliminary (Feb. 1992)	PIF129879-PIF129894	Horowitz/ Balakrishnan	
123	2/1992	Datasheet: PWR-SMP240 - Preliminary (Feb. 1992)	PIF129895-PIF129910	Horowitz/ Balakrishnan	
124	11/1991	Datasheet: PWR-SMP260 - Preliminary with Annotations (Nov. 1991)	PIF129911-PIF129918	Horowitz/ Balakrishnan	
125	8/1991	Datasheet: PWR-SMP260 - Draft Preliminary with Annotations (Aug. 1991)	PIF129919-PIF129929	Horowitz/ Balakrishnan	
126	11/1991	Datasheet: PWR-SMP240 (Nov. 1991)	PIF129930-PIF129937	Horowitz/ Balakrishnan	
128	4/20/1984	Notes (Beasom Exhibit 7)	I-000230 - I-000234	Beasom/ Gwozdz/ Prentice/ Moore	
129	3/1984	Notes (Beasom Exhibit 6)	I-000235 - I-000260	Beasom/ Gwozdz/ Prentice/ Moore	
130	8/8/1979	Beasom Engineering Notebook	Beasom Exhibit 8	Beasom/ Gwozdz/ Prentice/ Moore	802
131	7/18/1985	Notes	Beasom Exhibit 9	Beasom/ Gwozdz/ Prentice/ Moore	802
132		Test Chips Notes, Run Cards and Test Data	Beasom Exhibit 10	Beasom/ Gwozdz	802
133	5/13/1986	Pospisil, R.S., S.R. Jost and J.D. Beasom. "A 500V Dielectric Isolation Process for Very High Voltage Integrated Circuits." <i>Electro/86 and Mini/Micro Northeast-86 Conference Record</i> (Jun. 1986): 1-7.	Beasom Exhibit 16	Beasom/ Gwozdz	802
134	1987	Beasom, J.D. "A 200V DI Process Which Provides IGT's, SCR's High Speed Complimentary Low Voltage Bipolars, CMOS and Bipolar Logic Options." <i>Proceedings of the Symposium of High Voltage and Smart Power Devices</i> (1987): 90-95.	Beasom Exhibit 17	Beasom/ Gwozdz	802
138	4/1/1996	Datasheet: SGS-Thomson TEA2262	FCS0303071-FCS0303079	Horowitz	
167	5/11/1993	Letter from Thomas E. Schatzel to Alys Hay (May 11, 1993)	PIF57346 - PIF57348	Gwozdz/ Eklund	
192	9/8/1992	Eklund - U.S. Patent No. 5,146,298	PIF56893 - PIF56904	Gwozdz/ Eklund	
193	8/11/1981	U.S. Patent No. 4,283,236, Sirsi		Gwozdz/ Beasom	402; not produced
325	3/30/2006	5/18/2006 Supplemental Fairchild and Intersil License Agreement		Conrad	106
326	3/30/2006	Redacted Fairchild and Intersil License Agreement	I-000704 - I-000709	Conrad	
353	3/28/1990	Design Schematic: PS03 (Mar. 28, 1990)	PIF129301-PIF129321	Horowitz	106; 402; 403; 802;
472	8/16/1991	Eklund - U.S. Patent No. 5,146,298 Application, Serial No. 07/747,657	FCS1685956-1685993	Gwozdz/ Eklund	Need to inspect; untimely
494		Semiconductor wafer	Available for inspection	Beasom/ Gwozdz	untimely; multiple documents; 402; 403; 802
507		Databooks	Available for inspection	Horowitz	
541	4/18/1989	Beasom - U.S. Patent No. 4,823,173 (Beasom Exhibit 3)	FC50525249-FCS0525256	Beasom/Gwozdz	
542	5/24/1991	Beasom - U.S. Patent No. 5,264,719 File History, Serial No. 07/705,509	FCS1688900-FCS1689178	Beasom/Gwozdz	
543	8/8/1979	Beasom Engineering Notebook - Reproduced Pages	I-000415 - I-000420	Beasom/ Gwozdz/ Prentice/ Moore	
544	8/15/1985	Beasom Test Chips	Available for inspection	Beasom/Gwozdz	
545	6/1985	Beasom Test Chips Notes, Run Cards and Test Data	I-000421 - I-000464	Beasom/Gwozdz	
546		Beasom Test Wafers	Available for inspection	Beasom/Gwozdz	
547		Beasom Test Wafer Plot	I-000411	Beasom/Gwozdz	
548		Beasom Test Wafer Magnified Photograph	I-000465 - I-000467	Beasom/Gwozdz	
549	12/9/1986	Thomas - U.S. Patent No. 4,628,341	FCS0000533-FCS0000542	Gwozdz	
555		Beasom, J.D. "High Voltage Dielectric Isolation SCR Integrated Circuit Process."	Beasom Exhibit 13	Beasom	
556		Beasom, J.D. and R.W. Randlett. "Properties of Dielectrically Isolated Integrated Circuits."	Beasom Exhibit 14	Beasom	
557	1983	Beasom, J.D. "A High Performance High Voltage Lateral PNP Structure." IEEE 1983.	Beasom Exhibit 15	Beasom	
558	12/3/1984	Beasom Patent Disclosure	FCS1691462-FCS1691468	Beasom	
559	5/11/1993	Complaint and associated documents (Eklund Exhibit 6)	PIF57257-PIF57298	Gwozdz	
600	1983	Hower, P.L., T.M.S. Heng and C. Huang. "Optimum Design of Power MOSFETs." <i>IEDM</i> 1983.	Eklund Exhibit 3	Eklund	
601	12/19/2006	851 Patent Reexamination Granted by PTO	Blauschild Exhibit 19	Blauschild	
602	1/22/2007	366 Patent Reexamination Granted by PTO	Blauschild Exhibit 20	Blauschild	
603	21/21/2006	876 Patent Reexamination Granted by PTO	Blauschild Exhibit 21	Blauschild	
604	4/20/2007	Horowitz Production Documents FCS 1693250-1693529	FCS 1693250-1693529	Horowitz	

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605	3/16/2001	Fairchild/Intersil License Agreement	FCS 1686041-1686115	Beasom	
606	7/19/1983	Sakuma - U.S. Patent 4,394,674	FCS1693654- 1693667	Shields/Beasom/Gwozdz	
607	12/20/1983	Vaes - U.S. Patent 4,422,089	FCS1693668- 1693681	Shields/Beasom/Gwozdz	
608	5/26/1981	Coe - U.S. Patent 4,270,137	FCS1693682- 1693691	Shields/Beasom/Gwozdz	
609	11/10/1981	Colak - U.S. Patent 4,300,150	FCS1693692- 1693696	Shields/Beasom/Gwozdz	
610	8/10/1982	Tihanyi - U.S. Patent 4,344,080	FCS1693697- 1693704	Shields/Beasom/Gwozdz	
611	10/11/1983	Wagenaar - U.S. Patent 4,409,606	FCS1693705- 1693712	Shields/Beasom/Gwozdz	
612	11/27/1984	Singer - U.S. Patent 4,485,392	FCS1693713- 1693718	Shields/Beasom/Gwozdz	
613	0/0/1983	Vaes - High Voltage, High Current Lateral Devices	FCS1693719- 1693724	Shields/Beasom/Gwozdz	
614		WITHDRAWN			
615		WITHDRAWN			
616	12/1/1980	IEDM Annual Meeting, "Monolithic MOS High Voltage Integrated Circuits" by Plummer	FCS0526741-745 with IEDM cover sheet	Eklund	
617	1/18/1981	ISSCC B1 Solid State 400 V MOS for EL Display by Katsuma, etc.		Eklund	
618	12/1/1981	1981 IEEE "Process and Device of a 1000V MOS IC" by Yamaguchi, etc		Eklund	
619	00/00/1983	IEDM 1983 "Integrated Circuits for the Control of High Power" by Wrathall, etc.		Eklund	
620	00/00/1982	1982 IEEE Integrated Power Devices by Thianyi		Eklund	
621	6/3/1980	IEEE Journal Article "High Voltage DIMOS Driver Circuit" by Pomper, etc		Eklund	
622	00/00/1982	IEDM 1982 "Integrated High and Low Voltage CMOS Technology" by Rumennick		Eklund	
623	2/18/1981	ISSCC "High Voltage Video Amplifier for Color TV" by DesCamps, etc		Eklund	
624	00/00/1983	1983 IEEE "Lateral DMOS Transistor Optimized for High Voltage BIMOS Applications" by Alvarez, etc.		Eklund	
625	2/20/1981	1981 IEEE "400V Switches for Subscriber Line Interference" by Mattheus		Eklund	
626	12/12/1981	IEEE Transactions "Effects of Drift Region Parameters on the Static Properties of Power LDMOST" by Secolak		Eklund	
627	00/00/0000	Eklund Late Production	KE001450-1465	Eklund	
628	00/00/0000	Eklund Late Production	KE001513-1522	Eklund	
629	00/00/0000	Eklund Late Production	KE001481-KE001484	Eklund	
630	00/00/0000	Eklund Late Production	KE001569-KE001575	Eklund	
631	9/27/1999	Harris Patent Assignment to Intersil (Fish and Richardson Counsel)	PTO Certified	Beasom	
632	4/24/1985	Beasom Invention Disclosure Form	FCS1691469-1473	Beasom	
633	8/3/2007	Privileged Log for Klas Eklund	2 pages	Eklund	
634	7/23/2007	ESDA Film made during 7/23/2007 document inspection.		Eklund	
635	07/00/2007	Specklin Production	SP 1-423	Specklin	
636	00/00/0000	ASTM E1789	Specklin Exhibit 1	Specklin	
637	00/00/000	ASTM E1422	Specklin Exhibit 2	Specklin	
638	8/27/2007	TLC Plate 1	Specklin Exhibit 5C	Specklin	
639	8/27/2007	TLC Plate 2	Specklin Exhibit 6C	Specklin	
640	8/27/2007	TLC Plate 3	Specklin Exhibit 7C	Specklin	
641	8/27/2007	TLC Plate 4	Specklin Exhibit 8C	Specklin	
642	8/27/2007	Notes of Specklin Forensic Labs	Specklin Exhibit 9	Specklin	
643	8/27/2007	TLC Plate 5	Specklin Exhibit 11C	Specklin	
644	8/27/2007	TLC Plate 6	Specklin Exhibit 12C	Specklin	
645	8/27/2007	Notes of Specklin Forensic Labs	Specklin Exhibit 13	Specklin	
646	8/27/2007	TLC Plate 7	Specklin Exhibit 14C	Specklin	
647	8/27/2007	TLC Plate 8	Specklin Exhibit 15C	Specklin	
648	8/27/2007	TLC Plate 9	Specklin Exhibit 16C	Specklin	
649	8/27/2007	Notes of Specklin Forensic Labs	Specklin Exhibit 17	Specklin	
650	8/27/2007	TLC Plate 10	Specklin Exhibit 18C	Specklin	
651	8/27/2007	TLC Plate 11	Specklin Exhibit 19C	Specklin	
652	8/27/2007	TLC Plate 12	Specklin Exhibit 20C	Specklin	
653	8/27/2007	Grid Paper Study	Specklin Exhibit 11B	Specklin	
654	8/27/2007	Specklin notes	Specklin Exhibit 21	Specklin	
1447	00/00/0000	Eklund Late Production	KE001447-1449	Eklund	
1466	00/00/0000	Eklund Late Production	KE001466	Eklund	